

Page 2, Third full paragraph:

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On the dielectric substance layer 11 between the separation walls 7, and the side surfaces of the separation walls, phosphor 8 is coated. To display the various colors, the phosphor 8 is painted and arranged into the three primary colors of red, green, and blue. In between the insulator plates 1 and 2, a discharge gas space 6 filled with a discharge gas of helium, neon, xenon and the like, or combinations thereof, is formed.

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The ultraviolet light generated by the discharge of the foregoing discharge gas is converted into the visible light 12 by the phosphor 8.

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Hence, when impacted by anions, electrons are released from the surface of MgO, and facilitate the occurrence of discharge. By the way, on the data electrode 5, a phosphor 8 is coated. In general, the secondary electron emission coefficients of the phosphors used in PDP are not that large. Moreover, as they readily deteriorate by sputtering when impacted by anions, there are cases where the occurrence of discharges becomes difficult, and life is shortened.

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To improve this, as shown in FIG. 11, MgO is coated as a protection layer 10 on the surface of the phosphor 8. Or, as shown in FIG. 12, the PDP is made to have a structure in which, at a part of the area in which write discharge occurs, phosphor is not coated, and MgO is coated as a protection layer 10.